6SK7
6SK7-GT/G

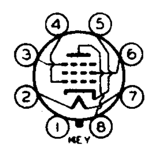
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6SK7, 6SK7-GT/G

TRIPLE-GRID SUPER-CONTROL AMPLIFIER

Heater■	Coated Unipotential Cathode		
Voltage	6.3		a-c or d-c volts
Current	0.3		amp.
	6SK7	*6SK7-GT/G*	
Direct Interelectrode Cap.	▲	▲▲	
Grid to Plate	0.003 max.	0.005 max.	μμf
Input	6.0	6.5	μμf
Output	7.0	7.5	μμf
Maximum Overall Length	2-5/8"	3-5/16"	
Maximum Seated Height	2-1/16"	2-3/4"	
Maximum Diameter	1-5/16"	1-5/16"	
Bulb	Metal Shell, MT-8	T-9	
Base	Small Wafer Octal 8-Pin	Small Wafer Octal 8-Pin, Sleeve	
Basing Designation	8N	GT-8N	

Pin 1 { 6SK7, Shell; 6SK7-GT/G, Base Sleeve
Pin 2 - Heater
Pin 3 - Suppressor



BOTTOM VIEW

Pin 4 - Grid
Pin 5 - Cathode
Pin 6 - Screen
Pin 7 - Heater
Pin 8 - Plate

Mounting Position: Any

Maximum And Minimum Ratings Are Design-Center Values

AMPLIFIER

Plate Voltage	300 max.	volts
Screen Voltage	125 max.	volts
Screen Supply Voltage	300 max.	volts
Grid Voltage	0 min.	volts
Plate Dissipation	4.0 max.	watts
Screen Dissipation	0.4 max.	watt

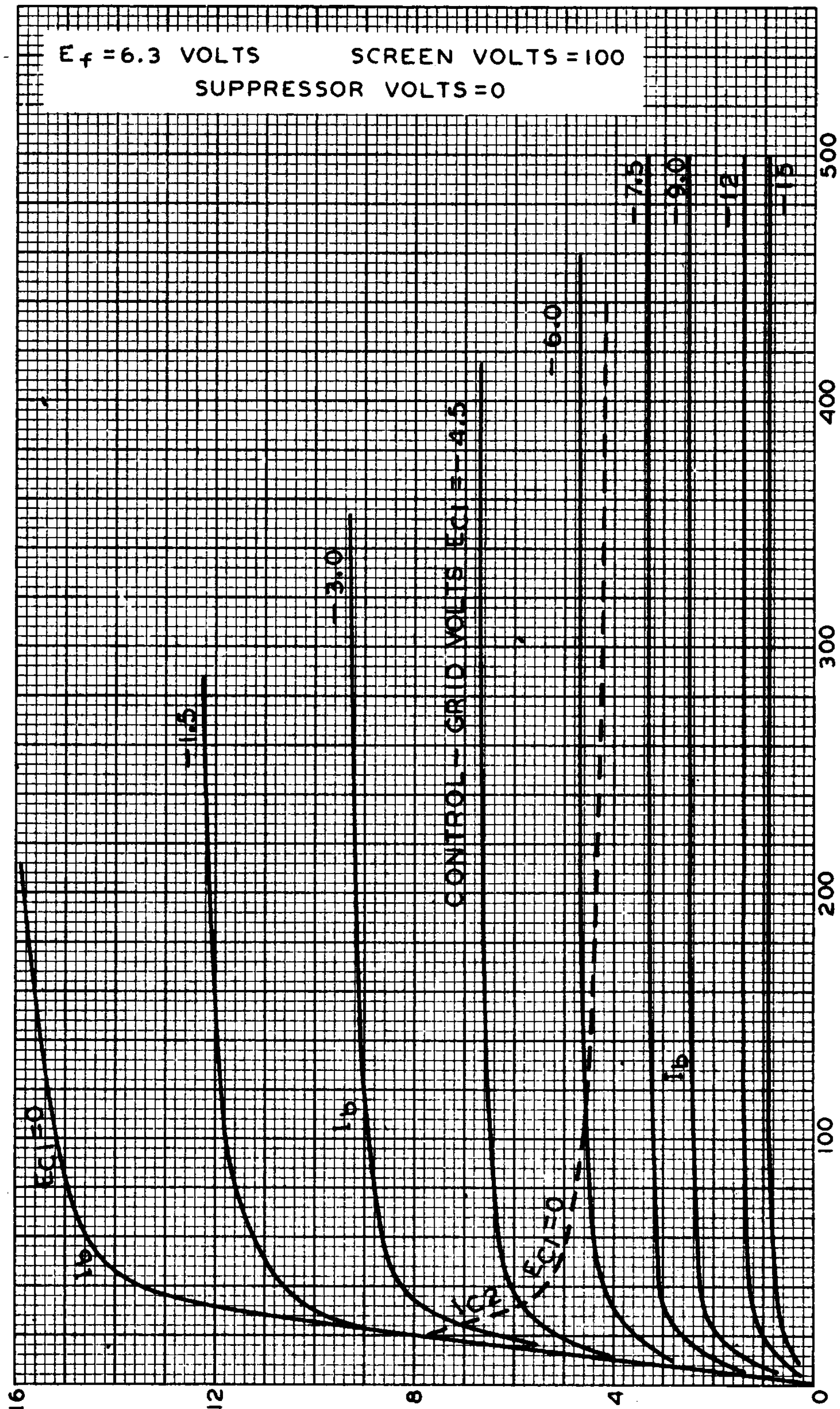
Typical Operation and Characteristics - Class A_1 Amplifier:

Plate	100	250	volts
Screen	100	100	volts
Grid	-1	-3	volts
Suppressor	Connected to cathode at socket		
Plate Res.	0.12	0.8	approx. megohm
Transconc.	2350	2000	μmhos
Grid Bias for transcond. of 10 μmhos	-35	-35	volts
Plate Cur.	13	9.2	ma.
Screen Cur.	4.0	2.6	ma.

■ In circuits where the cathode is not connected directly to the heater, the potential difference between heater and cathode should be kept as low as possible.
▲ With shell connected to cathode.
▲▲ With shield connected to cathode.

6SK7

6SK7
AVERAGE PLATE CHARACTERISTICS



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AVERAGE CHARACTERISTICS

